

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

Figure 1. Generalized Structure of a Potential Catalyst System.

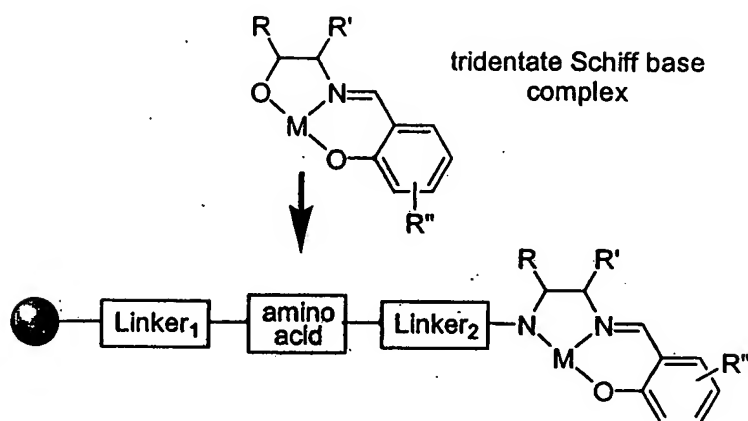
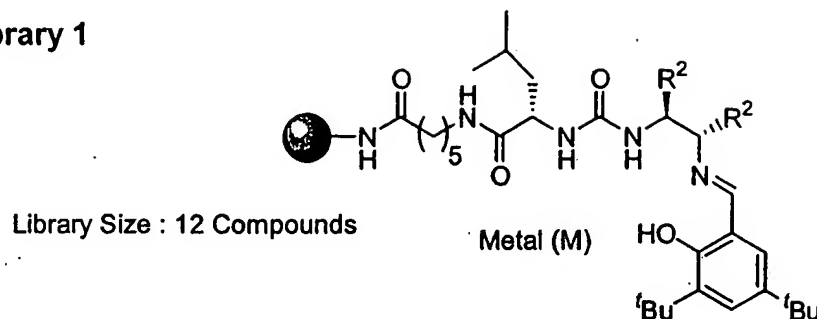


Figure 2. Variegated Libraries 1-3.

Library 1

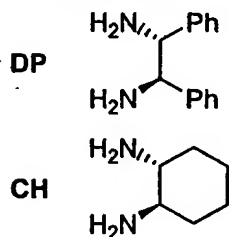


M	None	Ti	Mn	Fe	Ru	Co	Cu	Zn	Gd	Nd	Yb	Eu
ee (%)	19	4	5	10	13	0	9	1	2	3	0	5
conv.(%)	59	30	61	69	63	68	55	91	95	84	94	34

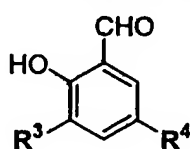
Library 2

Amino Acid
Leu, D-Leu, His
Phg (Phenylglycine)

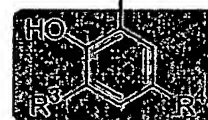
Diamines



Salicylaldehydes

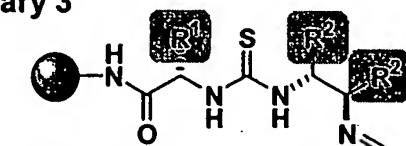


	R ³	R ⁴
A	tBu	tBu
B	tBu	H
C	H	tBu
D	tBu	OMe
E	Br	Br
F	tBu	NO ₂



Library Size: 48 Compounds

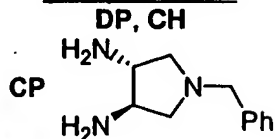
Library 3



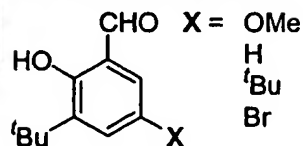
L-Amino Acids

Leu, Ile, Met, Phe,
Tyr (O^tBu), Val, Thr(O^tBu),
Nor (Norleucine), Phg,
Chg (Cyclohexylglycine),
t-Leu (tert-Leucine)

(R,R)-Diamines



Salicylaldehydes



Library Size: 132 Compounds

Figure 3. Enantioselectivity in the Catalyzed Strecker Reaction as a Function of Metal-Free Catalyst Utilized.

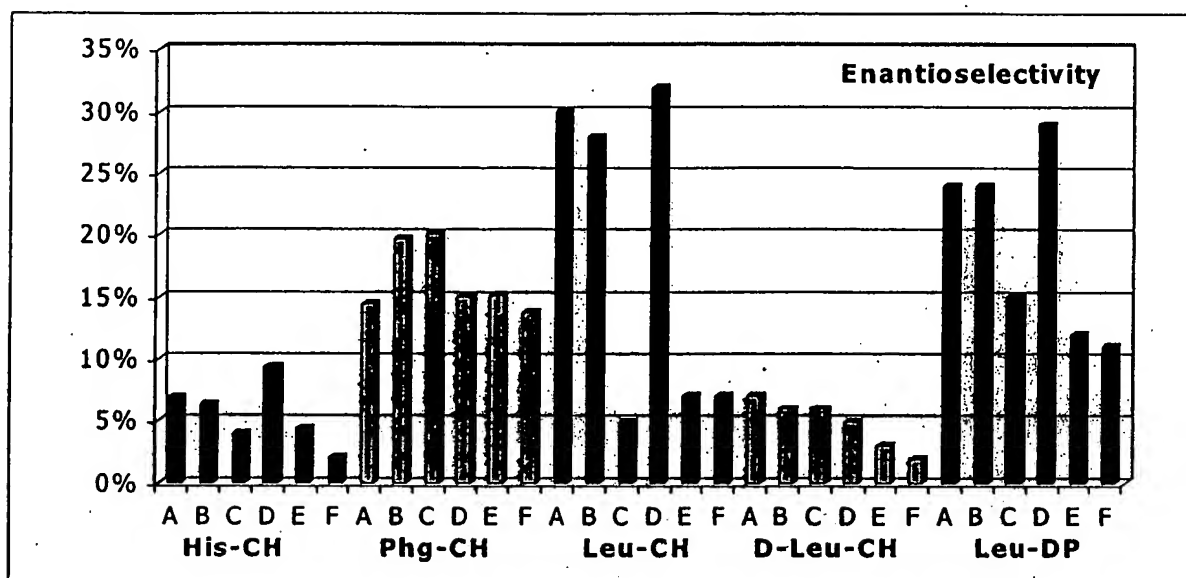


Figure 5

